

LANDSCAPE ARCHITECTURAL QUALITY ASSURANCE CHECKLIST

Predesign

Within Scope and Budget

- ☐ Site program matches PMIS scope, budget
- ☐ Project scope matches GMP or other planning document
- ☐ Class C estimate includes appropriate site development

NEPA/106 Compliance

- ☐ ESF is complete

LA Design Standards (Sustainability)

- ☐ Proposed design adequately addresses site needs of PMIS project
- ☐ Site analysis complete, supports proposed design
- ☐ Site design utilizes previously disturbed areas (brownfields) before new sites developed
- ☐ Accessibility issues identified, universal access incorporated

NPS Policies and Guidelines (NPS ethic)

- ☐ Proposed design reflects park design standards, HSR, CLR
- ☐ Proposed design adequately addresses site needs of PMIS project

Coordination

- ☐ Architectural and site program/analysis coordinated with no conflicting elements

Completeness

- ☐ Required deliverables submitted

Schematic Design

Scope and Budget

- ___ Site development matches DAB approved scope, budget
- ___ Class B estimate includes appropriate site development

NEPA/106 Compliance

- ___ Required environmental/cultural studies identified in ESF are complete, support proposed design
- ___ EA/CE complete, additional needs and permitting identified, scheduled

LA Design Standards (Sustainability)

- ___ Design is appropriate for site, building orientation, site drainage, access
- ___ Natural drainages are preserved
- ___ Building, parking and walks sited to minimize site disturbance
- ___ Outdoor use areas are sited to provide adequate shading, interpretation, views, appropriate seating, width for function
- ___ Common utility/vehicular/pedestrian corridor utilized
- ___ ADA requirements are met, universal access, number of parking spaces @ 2% maximum grade, 5% maximum walks or 8% with handrails

NPS Policies and Guidelines (NPS ethic)

- ___ Adequate value-based decision tools utilized
- ___ DAB recommendations are incorporated
- ___ Proposed design reflects park design standards, HSR, CLR

Coordination

Completeness

- ___ Required deliverables submitted
- ___ All review comments from Pre Design Review satisfactorily resolved

Design Development

Within Scope and Budget

- ___ Site development matches DAB approved scope, budget
- ___ (VA) recommendations addressed
- ___ Class B estimate includes appropriate site development

NEPA/106 Compliance

- ___ Developed area is same as that cleared by (EA), all utility requirements within site cleared by NEPA document
- ___ Compliance is complete, needed permits identified, scheduled

LA Design Standards (Sustainability, Accessibility)

- ___ Demolition Plan clearly identifies site elements to be removed AND protects resources to remain, provides adequate tree protection
- ___ Demolition instructions are clear on what to remove and what to remain, and are coordinated with design documents.
- ___ Design minimizes amount of impervious surface constructed
- ___ Site Plans adequately distinguishes existing conditions from proposed development
- ___ Site layout, materials and form are appropriate for climatic region
- ___ ADA requirements are met, universal access, number of parking spaces @ 2% maximum grade, 5% maximum walks or 8% with handrails
- ___ Road and parking turning radii appropriate for use identified
- ___ Culverts are sized adequately to reduce maintenance
- ___ Outline Specifications clearly reflect overview of treatment and quality that is presented in the drawings
- ___ Building location meets all setback requirements, zoning codes, and deed restrictions.

NPS Policies and Guidelines (NPS ethic)

- ___ Proposed design/details reflect park design standards, HSR, CLR
- ___ NPS cover sheet is used, clearly indicating park boundaries, limits of proposed work, and any historic district boundaries
- ___ Drawings comply with Director's Order and Reference Manual 10A, DSC CAD Users Guide, and NPS/DSC Cad Drafting Standards

Coordination

- ___ Organization of discipline drawings such as civil, landscape architectural, architectural, followed by structural, then HVAC, plumbing, fire protection, and electrical complies with Director's Order and Reference Manual 10A.
- ___ Spot elevations match site, civil, landscape, architectural and structural drawings.
- ___ Limits of construction match landscape, civil, plumbing, and electrical site plans.
- ___ Site property lines and existing conditions match survey and civil drawings.

Completeness

- ☐ Required deliverables submitted
- ☐ All review comments from Schematic Design Review satisfactorily resolved

100% Draft Construction Documents

Scope and Budget

- ☐ Class A estimate within budget
- ☐ Class A estimate includes appropriate site development

NEPA/106 Compliance

- ☐ Compliance is complete

LA Design Standards (Sustainability)

- ☐ NPS landscape architectural standards followed
- ☐ Appropriate treatment and “quality” of materials are represented in the Specifications
- ☐ Site elevations match plans and have the same scale (or exaggerated vertical scale).
- ☐ ADA requirements are met, universal access, number of parking spaces @ 2% maximum grade, 5% maximum walks, or 8% with handrails
- ☐ Road, parking and site wall designs consistent with Geotechnical Report
- ☐ Utility corridor width is adequate for depth of burial and utility separation
- ☐ Expansion and control joint spacing in walks, slabs-on-grade and walls
- ☐ Retaining wall foundations shown in the correct locations with no site/vegetation interference
- ☐ Footing width of walls shown with no site/vegetation conflicts
- ☐ Mortar and grout specified correctly
- ☐ All required specification sections provided
- ☐ Wood treatment – no CCA

NPS Policies and Guidelines (NPS ethic)

- ☐ Proposed design/details reflect park design standards, HSR, CLR
- ☐ Specifications follow NPS format and include contract price or bid schedule
- ☐ Drawings comply with Director’s Order and Reference Manual 10A, DSC CAD Users Guide, and NPS/DSC Cad Drafting Standards

Coordination

- ___ Site sections match elevations, plans, and structural drawings.
- ___ Site plan match lines are consistent on site, civil, mechanical, plumbing, and electrical site drawings

Completeness (documents adequate to construct intended facility)

- ___ Required deliverables submitted
- ___ All review comments from Design Development Review satisfactorily resolved

Submit 100% Complete Construction Documents for Final Approval

- ___ Required deliverables submitted
- ___ All review comments from 100% Draft Review satisfactorily resolved